

ILLEGIBLE

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MAKARYAN, Ye. A., Candidate Med Sci (diss) -- "The problem of the history of forensic medicine in Armenia (From ancient times to the present day)". Yerevan, 1959. 28 pp (Yerevan State Med Inst), 200 copies (KL, No 24, 1959, 151)

L 46737-66

ACC NR: AP6031940

vestibular tolerance, nausea developed within 2—5 min; for second-degree tolerance, within 5—10 min; for first-degree tolerance, within 10—15 min, and for the maximum-tolerance group, within 15—20 min. With the head tilted forward, nausea occurs 1—4 min later than with the head tilted to the side. The experiments showed that the higher the tolerance, the later the symptoms developed. Pulse rate was insignificantly affected. In those with normal vestibular tolerance, recovery took place within 5—20 min after the experiments. In those with a low (fourth-degree) vestibular tolerance, recovery took place after 40—60 min. The results of the vestibular tolerance tests showed the percentages of those who developed sickness — on Khilov's swing, 4.9%; in ten repetitions of Voyachek's otolithic tests, 9.8%; during continuous cumulation of Coriolis accelerations within two minutes, 12.6%. It was concluded that the method of continuous cumulation of Coriolis acceleration can reveal latent forms of vestibular tolerance better than other methods. Thus, the continuous cumulation of Coriolis accelerations is the most effective method for studying vestibular tolerance and selecting flight candidates. Orig. art. has: 1 figure. [SC]

SUB CODE: 06/ SUBM DATE: none/ ORIG REF: 001/ ATD PRESS: 5089

summ
Card 2/2

L 46737-66 EWT(1) SCTB DD

ACC NR: AP6031940

SOURCE CODE: UR/0177/66/000/009/0059/0062 ³⁶

AUTHOR: Markaryan, S. S. (Lieutenant colonel; Medical corps; Candidate of medical sciences); Yiganyov, Ye. M. (Colonel; Medical corps; Candidate of medical sciences); Sidel'nikov, I. A. (Major; Medical corps) ^B

ORG: none

TITLE: Vestibular selection using a method of continuous Coriolis acceleration cumulation ²

SOURCE: Voyenno-meditsinskiy zhurnal, no. 9, 1966, 59-62

TOPIC TAGS: vestibular analyzer, vestibular training, vestibular function, cosmonaut selection, space physiology, *CORIOLIS FORCE*, *VESTIBULAR DISTURBANCE*

ABSTRACT: The article contains data characterizing the effectiveness of the selection method based on continuous cumulation of Coriolis accelerations. The value of this method is that it is well controlled. Experiments were conducted on pilots. Vestibular reaction was based on illusions of rocking, hot flashes, a tendency to perspire, paleness, and nausea. Pulse rate and the temperature of the head and hands were also monitored. Results showed that vestibular-sensory and autonomic reactions during cumulation of Coriolis accelerations developed progressively, beginning with a rocking sensation, and ending in nausea, sometimes with vomiting. Nausea developed within two minutes for people with fourth (least)-degree vestibular tolerance during Coriolis cumulation in a head-tilted-forward position; in those with third-degree

Card 1/2

UDC: 612.886:629.13

USSR/Human and Animal Physiology - (Normal and Pathological). T
Physiology of Work and Sport. Aviation Physiology.

Abs Jour : Ref Zhur Biol., No 4, 1959, 18027

of 100 db intensity induced changes which were analogous
in their character to the changes in influence of V with-
out noise. The exception is the auditory function, whose
decrease is noted only in the influence of V with noise.

MAKARYAN, S.S

USSR/Human and Animal Physiology - (Normal and Pathological). T
Physiology of Work and Sport. Aviation Physiology.

Abs Jour : Ref Zhur Biol., No 4, 1959, 18027

Author : Borshchevskiy, I.Ya., Koreshkov, A.A., Makaryan, S.S.,
Preobrazhenskiy, V.V., Teren'tyev, V.G.

Inst : -

Title : The Influence of Vibrations of Some Types of Contempo-
rary Helicopters and Airplanes on the Human Organism

Orig Pub : Voenno-med. zh., 1958, No 1, 74-77

Abstract : Vibrations (V) with a frequency of 40 and 70 Hertz at an
amplitude of 0.8 and 0.4 mm acting for the duration of 4
and 8 hours induced insignificant changes in the condi-
tion of the cardiovascular system, vision, sound and ves-
tibulatory analyzers and of the general wellbeing of the in-
vestigated subjects. With V with a frequency of 10
Hertz and an amplitude of 1.8 and 2.4 mm, expressed and
stable changes were noted. V in combination with noise

Card 1/2

MAKARIAN, S.R.

Comparative analysis of glycogenesis in the embryonic liver
of peking and musk ducks. Izv. AN Arm. SSR. Biol. nauki 18
no.9:46-50 S '65. (MIRA 18:12)

1. Zoologicheskii institut AN Armyanskoy SSR. Submitted
February 15, 1965.

MAKARYAN, S.R.

Comparative characteristics of the mytotic activity of liver
cells in the embryogenesis of ducks. Izv. AN Arm. SSR. Biol.
nauki 17 no.6:59-63 Je '64. (MIRA 17:12)

1. Zoologicheskiy institut AN ArmSSR.

MAGAKYAN, Yu.A.; MAKARYAN, S.R.

Some peculiarities of the embryogenesis of the interspecific hybrids of Peking and musk ducks. Izv. AN Arm. SSR. Biol. nauki 14 no.12:69-83 D '61. (MIRA 15:3)

1. Zoologicheskiy institut AN Armyanskoy SSR.
(EMBRYOLOGY--BIRDS)
(DUCKS)

USSR / Human and Animal Morphology, Normal and Pathological. S
Lymphatic System.

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 36009

Author : Shukuryan, K. G.; Drampyan, T. S.; Makaryan, M. G.

Inst : Republican Clinical Hospital Arm SSR

Title : A Cytological Picture of the Tonsils' Surface in the Dia-
gnosis of Chronic Tonsillitis.

Orig Pub : Sb. nauchn. tr. Resp. klinich. bol'nitsy ArmSSR, 1957, 1,
479-482

Abstract : Generally, during chronic tonsillitis, in impression specimens
of the tonsillar surface, granulocytes predominate and the
quantity of segmentonuclear neutrophils increases. Lympho-
cytes are encountered in various quantities, sometimes making
up nearly half of the computed cells. Immature forms of
lymphocytes are few; lymphoblasts are unitary. The quantity

Card 1/2

MAKAR'YAN, M.A., kand. tekhn. nauk

Determining reduced moments of inertia for rail-tie frames.
Vest. TSNII MPS [17] no.7:50-51 N '58. (MIRA 11:12)
(Moments of inertia) (Railroads--Track)

MAKARYAN, L., inzh.

Plastic strip moldings for structural purposes. From Arm.
4 no. 11:61-63 N '61. (MIRA 15:1)
(Moldings) (Plastics)

MAKARYAN, L., inzh.

Floor tile made of polyvinil chloride with the use of certain
local fillers. Prom.Arm. 4 no.10:45-48 0 '61.

(MIRA 14:11)

(Floor coverings)
(Resins, Synthetic)

MAKARYAN, G.A.

Steady motion of a liquid in a nonprismatic channel. Izv. AN Arm. SSR.
Ser. tekhn. nauk 18 no.1:3-12 '65. (MIRA 18:7)

1. Armyanskii filial Nauchno-issledovatel'skogo instituta elektro-
mekhaniki.

MAKARYAN, G.A.

Determining the hydraulic index of a channel. Izv. AN Arm. SSR.
Ser. tekhn. nauk 17 no.3:3-10 '64.

(MIRA 17:12)

1. Armyanskly filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta elektromekhaniki.

MAKARYAN, G. A.

Steady smoothly-variable motion of fluids in nonprismatic beds.
Izv. AN Arm. SSR. Ser. tkeh. nauk 11 no. 2:55-62 '58. (MIRA 11:6)

1. Moskovskiy institut inzhenerov vodnogo khozyaystva im. Vil'yamsa.
(Hydrodynamics)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500025-6

MAKARYAN, G. A.: Master Tech Sci (diss) -- "A smoothly stabilized varying motion of a liquid in a nonprismatic stream bed". Moscow, 1958. 19 pp (Min Agric USSR, Moscow Inst of Water Economy in V. R. Vil'yams, Chair of Hydraulics), 150 copies (KL, No 14, 1959, 120)

BAAN, Laszlo, dr.; MAKARY, Gyorgy, dr.

Posterior urethral stricture and its segnelae in a 6-year-old boy. Gyermekgyogyaszat 15 no.1:21-22 J '64.

1. Bacs-Kiskun Meg ei Tanacs Korhaza Kecskemet (igazgato: dr. Takacs Sandor) Urológiai Sebészeti Osztalya (főorvos: dr. Baan Laszlo).

BAUM, B.; GLOZMAN, Ye.; MAKARYAN, A.

One-speed drive for boring machines. Prom.Arm. 6 no.2:38-40
F '63. (MIRA 16:5)

1. Lusavanskiy zavod rastochnykh stankov.
(Drilling and boring machinery--Electric driving)

MAKARY, Istvan; BORISSZA, Endre

Automatic baking industry feeding mechanisms. Elelm ipar 18
no.8/9:253-255 Ag-S '64.

1. Baking Industry Research Institute, Budapest.

BORTS, M.A.; STEPANOVA, D.I.; GERSHKOVICH, V.L.; MAKARUSHINA, M.I.;
FILIPISHIN, I.T.

Use of polyacrylamide in the filtration of slurry under pressure.
Koks i khim. no.12:3-6 '63. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-konstruk-
torskiy institut po obogashcheniyu i briketirovaniyu ugley (for
Borts, Stepanova). 2. Zhilevskaya OPOF Vsesoyuznogo nauchno-
issledovatel'skogo i proyektno-konstruktorskogo instituta po
otogashcheniyu i briketirovaniyu ugley (for Gershevik,
Makarushina). 3. Bogurayevskaya opytnaya fabrika tsentrobezhnogo
otogashcheniya uglya (for Filipishin).

MAKARUSHIN, I., podpolkovnik intendantskoy sluzhby

Repair of uniforms and shoes. Tyl i snab. Sov. Voor. Sil. 21
no.8:50-53 Ag '61. (MIRA 14:12)
(Shoes--Repairing) (Uniforms, Military--Repairing)

MAKARUKHA, I.A., dotsent (L'vov, ul.Nekrasova, d.5/4)

Restorative operations on the bile ducts. Nov. khir. arkh. no.4:
95-96 J1-Ag '60. (MIRA 15:2)

1. Kafedra gospi'tal'noy khirurgii (zav. - prof. L.N.Kuzmenko)
L'vovskogo meditsinskogo instituta.
(BILE DUCTS__SURGERY)

MAKARUKHA, I.A., dotsent (L'vov, ul. Nekrasova, d.5/4)

Chronic ileitis. Vest.khir. 80 no.4:128-131 Ap'58 (MIRA 11:5)

1. Iz kafedry gosptal'noy khirurgii (zav. - prof. L.N. Kuzmenko)
L'vovskogo meditsinskogo instituta.

(ILEITIS,

chronic, histopathol. & surg. (Rus))

MAKARUKHA, I.A., dots. (L'vov, ul. Nekrasova, d. 5/4)

Changes in blood protein fractions in acute intestinal obstruction.
Nov.khir.arkh. no.6:109-113 N-D '58. (MIRA 12:3)

1. Kafedra gospi'tal'noy khirurgii (zav. - prof. L.N. Kuzmenko) L'vov-
skogo meditsinskogo instituta.

(BLOOD PROTEINS)
(INTESTINES--OBSTRUCTIONS)

MAKARUKHA, I.A., kandidat meditsinskikh nauk.

Surgical treatment of goiter in the Carpathian region. Khirurgiia,
no.11:48-50 N '55. (MLRA 9:6)

1. Iz gospiatal'noy khirurgicheskoy kliniki (zav.-prof. I.M.
Grabchenko) L'vovskogo meditsinskogo instituta.
(GOITER, surg.
statist., in Carpathian region)

MAKARUKHA, I.A.

Round indolent ulcer of the small intestine. Khirurgia no.4:84
Ap '55. (MLRA 8:9)

1. Klinika gosptal'noy khirurgii L'vovskogo meditsinskogo insti-
tuta
(INTESTINES--ULCERS)

MAKARUKHA, I. A.

MAKARUKHA I. A.

K voprosu ob aktinomikoze zheludочно-kishechnogo trakta. [On
actinomycosis of the gastro-intestinal tract] Khirurgiya,
Moskva No. 6 June 51 p. 60-2.

1. Of the Hospital Surgical Clinic (Head---Prof. I. N. Grebchansky), Lvov Medical Institute, Lvov.

MAKARUK, S.

AND others. Diamond Day. p. 8.
(Skrzydlate Polska, Vol. 13, No. 23, June 1957, Krakow, Poland)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug. 1957. Uncl.

MAKARUK, S.

For diamonds to the Soviet Union. p. 4.
(Skrzydlate Polska, Vol. 13, No. 23, June 1957, Krakow, Poland)

SO: Monthly List of East European Accessions (REAL) Lc. Vol. 6, No. 8, Aug. 1957. Uncl.

MAJARUP, J.

MAJARUP, J. The Eccles, a for often (1954). p. 11. Vol. 11, no. 43, Oct. 1955. BRZEMDIAŁA POLSKA. Warszawa, Poland.

SOURCE: East European Accessions List (FEAL) LC VOL. 5, No. 6 June 1956

MAKARUK, S.

Looking backward; I propoase a volant device and a crocodile valve. p. 13.

SKRZYLATA POLSKA. (Liga Lotnicza) Warszawa, Poland.
Vol.11, no.30, July 1955.

Monthly list of East European Accessions (EEAI) LC, Vol.9, no.1, Jan. 1959.

Uncl.

MAKARUK, S.

We wait for good variometers. p.13. (SKRZYDLATA POLSKA, Warszawa, Vol. 11, No. 10, Mar. 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955, Uncl.

MAKARUK, S.

The "factory of diamond awards of distinction." p. 13. (SKRZYDLATA POLSKA, Warszawa, Vol. 11, no. 2, Jan. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

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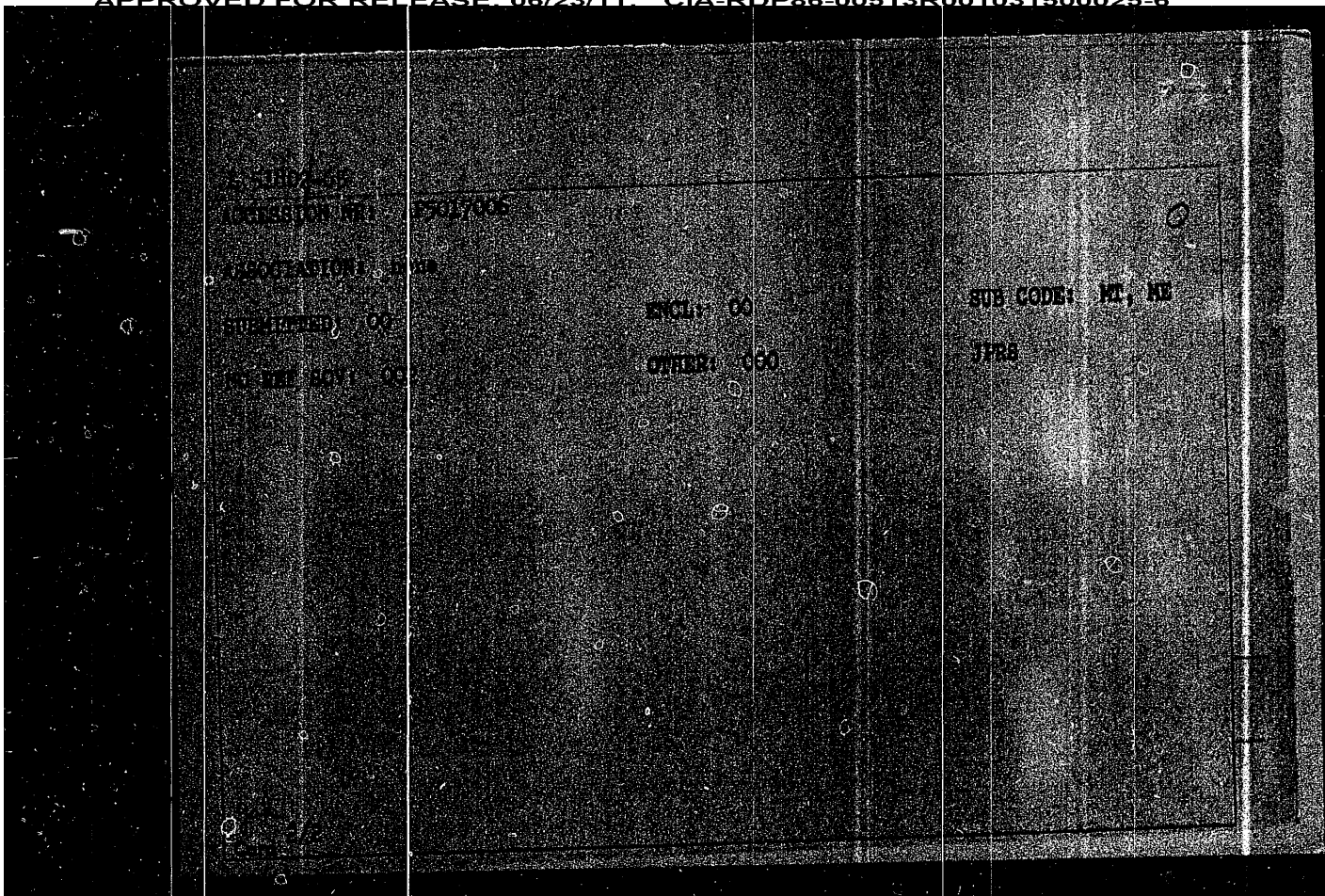
MAKARUK, P.N. [Makaruk, P.M.]; BOL'SHEDONOV, I.I. [Bal'shadonau, I.I.]

Study of the performance of resilient reinforced concrete
foundations. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no.3:111-
117 '64. (MIRA 18:2)

VINOKUROV, Ye.F.; MAKARUK, P.N.; BOL'SHEDONOV, I.I.

Study of the character of the performance of series II-03-02 footing
blocks in a sandy foundation bed. Osn., fund. i mekh.grun. 6 no.6:19-
22 '64. (MIRA 18:1)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500025-6



U.S. DEPARTMENT OF COMMERCE

ACCESSION NO. 1001/006

U1/0201/61/000/001/0111/0117

AUTHOR: Parashin, A. M.; Balashov, I. I.

TITLE: Study of the actions of elastic reinforced concrete foundations

SOURCE: AN SSSR, Izvestiya, Seriya fiziko-tekhnicheskikh nauk, no. 3, 1964, 117-117

TOPIC: reinforced concrete, nonmetal plastic deformation, nonmetal elastic deformation

ABSTRACT: Experimental studies confirmed the influence of the elastic-plastic deformations of reinforced concrete foundations of varying degrees of inflexibility on the nature of the distribution of reactive pressures. The method given here for computing the foundations takes into account the stress-strain conditions of the design of the foundations and the related condition of reactive pressure distribution.

Orig. art. has 2 tables, 3 formulas, and 1 graph.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500025-6

inzh.; DOLGIY, L. [Dolhyi, L.], inzh.

In the fields of the "Komunar" Collective Farm. Mekh. sil'.
hosp. 14 no.3:18-20 Mr '63. (MIRA 17:1)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500025-6

S/081/62/000/004/085/087
B102/B101

AUTHOR: Makaruk, Leszek

TITLE: New opinions on the structure of linear polymers

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 4, 1962, 655, abstract
4R2 (Tworzywa wielkocząsteczkowe, v. 6, no. 5, 1961, 149-152)

TEXT: The experimental fundamentals and the theory of the bundle-like structure of high polymers by Kargin, Slonimskiy, and Kitaygorodskiy (cf. RZhKhim, 1957, No. 19, 63713) are stated, and the subsequent experimental studies are discussed, which confirm the bundle-like structure of high polymers. 18 references. [Abstracter's note: Complete translation.]

Card 1/1

83706

Investigation in the Field of Polycarbonates.
II. Electron Microscopic Examination of the
Structure of Polycarbonates

S/190/60/002/006/011/012
B015/B064

ASSOCIATION: Moskovskiy gosudarstvennyy universitet Khimicheskoy
fakul'tet (Moscow State University, Department of
Chemistry)

SUBMITTED: February 27, 1960

X

Card 3/3

83706

S/190/60/002/006/011/012
B015/B064

Investigation in the Field of Polycarbonates.
II. Electron Microscopic Examination of the
Structure of Polycarbonates

dilute solutions (toluene, m-xylene, ethylbenzene and cyclohexanol) in the cooling of the solutions, and 3) by precipitating the polycarbonates with methanol from dilute solutions in methylene chloride. Figs. 1-12 show the structure. In the two first-mentioned ways of production, polycarbonates with a strongly asymmetrical, fibrous structure are obtained. This structure is due to a linkage of the primarily formed structure of the chain packets, and undergoes no morphological change no matter whether the chains of the packets are crystalline or amorphous. This is in agreement with the findings of the author in a previous paper (Ref. 1), and apparently explains the specific character of the mechanical properties of these polymers, especially the high impact strength; the elasticity may be ascribed to the fibers of the polycarbonates. On precipitating with methanol, a spherical structure that is characteristic of colloidal systems occurs. This structure is unstable, and in the case of heating the fiber structure typical of polycarbonates is formed. There are 12 figures and 7 references: 4 Soviet and 3 German.

15.8108 also 2209

83706

S/190/60/002/006/011/012
B015/B064

AUTHORS: Makaruk, L., Kozlov, P. V., Kargin, V. A.

TITLE: Investigation in the Field of Polycarbonates. II. Electron Microscopic Examination of the Structure of Polycarbonates

PERIODICAL: Vysokomolekulyarnyye soyedineniya, 1960, Vol. 2, No. 6, pp. 931-936

TEXT: Electron microscopic examinations were made of the secondary structure of 2,2-bis-(4'-oxyphenyl)-propane polycarbonate. Basing on the data of the method of experimenting and the results obtained, the authors discuss the concept of flexible and rigid molecule chains and, among other things, they indicate that differentiation should be made between two types of links of polymer chains, i.e. the chemical and the kinetic chain link of polymer molecule chains. The examinations were made with a UEM-100 (UEM-100) electron microscope. High-molecular polycarbonate fractions were used (molecular weight 83000 and 230000) whose secondary structure was produced in three ways: 1) by evaporating the solvent from very dilute polycarbonate solutions (chlorobenzene, benzene), 2) by separation from

Card 1/3

83823

Studies in the Field of Polycarbonates. I.
Effect of the Molecular Weight on the
Transition Temperatures of Polycarbonates

S/190/60/002/005/013/015
B004/B067

molecules, by strong intermolecular interaction, and by the assumption of secondary structural formations in polycarbonate products. The authors thank V. A. Kargin for a discussion. There are 6 figures, 1 table, and 18 references: 8 Soviet, 2 US, 1 British, and 5 German.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova
(Moscow State University imeni M. V. Lomonosov)

SUBMITTED: February 2, 1960

Card 3/3

83823

Studies in the Field of Polycarbonates. I.
Effect of the Molecular Weight on the
Transition Temperatures of Polycarbonates

S/190/60/002/005/013/015
B004/B067

by Fig. 2, polymers synthesized in a heterogeneous medium have an anomalous distribution of molecular weights. The thermomechanical properties and the transition temperatures were studied for fractions with molecular weights of from 5,000 to 220,000 (Figs. 3-5, Table). The low-molecular fractions showed no softening point but passed directly from the vitreous into the viscous state. After crystallization, their transition temperature was 70°C higher. In polymers with higher molecular weight and a polymerization degree of 40, the chains became flexible on heating. These products became highly elastic. A further temperature increase, however, led to hardening as a result of crystallization (Fig. 6). In low-molecular polymers it occurred at lower temperatures than in high-molecular ones. The polymers having the highest molecular weight showed the typical behavior of amorphous polymers. According to their molecular weight, polycarbonates have the properties of both crystallizing and amorphous polymers. As to the flexibility of the chains, they hold an intermediate position between polyisobutylene and polyvinyl chloride, although polycarbonate products are characterized by high strength and hardness. This contradiction is explained by a specific steric structure of the large polycarbonate

Card 2/3

83823

S/190/60/002/005/013/015
B004/B067

15.8108 *elw* 2209

AUTHORS:

Kozlov, P. V.,
V. I.

Makaruk, L.

Fomin, V. N., Ol'khovskiy

TITLE:

Studies in the Field of Polycarbonates. I. Effect of the
Molecular Weight on the Transition Temperatures of Poly-
carbonates

PERIODICAL:

Vysokomolekulyarnyye soyedineniya, 1960, Vol. 2, No. 5.
pp. 770-777

TEXT: The authors wanted to study the influence exerted by the molecular weight on the thermomechanical properties and the transition temperatures of polycarbonates. The polymers obtained by V. N. Kotrelev at the Nauchno-issledovatel'skiy institut plastmass, Moskva (Scientific Research Institute of Plastics, Moscow) by phosgenating 2,2-bis-(4'-oxyphenyl)propane in homogeneous and heterogeneous media were used. They were dissolved in methyl chloride and fractionally precipitated by means of methanol. Fig. 1 shows the intrinsic viscosity as a function of the concentration for polymers with molecular weights of 20,000 and 235,000. As is shown

Card 1/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500025-6

MAKARUK, L., Cand Chem Sci -- (diss) "Clarification of the structure of polycarbonates in connection with their properties." Moscow, 1960. 9 pp; (Moscow State Univ im M. V. Lomonosov, Chemistry Faculty); 120 copies; price not given; (KL, 18-60, 147)

Mokarun L.

✓ Separation of nitroaromatics from their mixtures and identification of mononitro compounds. T. Slesinski and L. Makaruk. Bull. Acad. Polon. Sci., Classe III, 5, 87, 1958. 2
 Nitrobenzene was nitrated with NO_2 and the resulting mixt. of lower primary and secondary mononitroaromatics was sepd. by coupling with diazonium compds. The following new compds. were sepd. and identified: the phenylhydrazones of 1-nitrobutanal, m. 66-7°, and 1-nitrohexanal, m. 57-60°; the p-nitrophenylhydrazones of 1-nitrobutanal, m. 120-1°, 1-nitropentanal, m. 118.5-19°, and 1-nitrohexanal, m. 116.5-18°. 4
 N. E. Pickering

PM

POREJKO, Stanislaw; MAKARUK, Leszek; DOBROSZ, Krzysztof

Interphase polyaddition of carbon suboxide and benzidine.
Polimery tworzyw wielk 10 no.1:19-23 Ja '65.

1. Warsaw Technical University. Submitted February 27, 1964.

POREJKO, S.; MAKARUK, L.; GLOGOWSKA, I.; BIENIAS, M.

Interfacial polyaddition of carbon suboxide and hexamethylene-diamine. Polimery tworzyw wielk 9 no. 2: 58-61 F '64.

1. Institute of Technology of Plastics, University, Warsaw.

POREJKO, Stanislaw, MAKARUK, Leszek; GABARA, Wlodzimierz.

Experiments in determining the chemical structure of polycarbonsuboxide. Polimery tworzyw wielk 8 no. 7/8: 293-295
Jl-Ag'63.

1. Zaklad Technologii Sztucznych Tworzyw Ograniczonych,
Politechnika, Warszawa.

KOZIREV, M.M. [Kozyriev, M.M.]; MAKARUK, I.F., inzh.

Efficient aggregation of soil cultivating and sowing machines.
Mekh. sil'. hosp. 14 no.4:11-12 Ap '63. (MIRA 16:10)

1. Nachal'nik upravleniya mekhanizatsii i elektrifikatsii Ministerstva
proizvodstva i zagotovok sel'skokhozyaystvennykh produktov UkrSSR
(for Kozirev).

MAKARUK, I.F., inzh.-mekhanik

Cultivator for destroying weeds next to the trees in forest
plantations. Mekh. sil'. hosp. 12 no. 4:16 Ap '61. (MIRA 14:4)
(Cultivators) (Forests and forestry---Equipment and supplies)

MAKARUK, I.F., inzh.

Strengthening the frame of the DT-54 tractor. Mekh. sil'. hosp. 12
no. 2:19 F '61. (MIRA 14:4)
(Crawler tractors)

MAKARUK. G.I.

BOSII, M.K. [Bosyi, M.K.]; KOLYADENKO, G.I. [Koliadenko, H.I.];
MAKARUK, G.I. [Makaruk, H.I.]; DAVIDENKO, I.M. [Davydenko, I.M.]

Studying the aftereffect of conditioned inhibition by the conditioned
reflex method. Nauk. zap. ChDPI 8:93-104 '56. (MIRA 11:2)
(INHIBITION) (CONDITIONED RESPONSE)

BOSIY, M.K. [Bosyi, M.K.]; DRAGUN, G.D. [Drahun, H.D.]; KOVTUN, A.P.;
KOLYADENKO, G.I. [Koliadenko, H.I.]; DAVIDENKO, I.M. [Davydenko, I.M.]
MAKARUK, G.I. [Makaruk, H.I.]

Studying the consecutive inhibition of a single and summed effect of
differentiated inhibition in dogs by the conditioned reflex method.
Report No.4. Nauk.zap. ChDPI 8:27-39 '56. (MIRA 11:2)
(INHIBITION) (CONDITIONED RESPONSE)

MAKARUK, A. I.

BOSYY, M.K.; MAKARUK, A.I.; DAVIDENKO, I.M.

Investigations on the after-effect of conditioned inhibition
induced by extra stimuli. Biul.eksp.biol. i med. 40 no.10:
3-5 Oct. '55. (MLRA 9:1)

1. Iz Cherkasskogo pedagogicheskogo instituta (dir.-dotsent
A.V. Tkanko)

(REFLEX, CONDITIONED,
after-eff. of conditioned inhib. induced with extra
stimulus)

MAKARUK, A.

Efficient helpers of the party organization. Sov.profsoiuzy 6
no.13:28-30 0 '58. (MIRA 11:11)

1. Sekretar' partbyuro Belgorodskogo tsementnogo zavoda.
(Belgorod--Communist Party of the Soviet Union--Party work)

MAKARUCHA, Z.

Polish Technical Abstracts
No. 4, 1953
Metallurgy

2393

659.15-134:515.52

Klimczok W., Makarucha Z. Spectrographic Determination of Alloying Constituents in Steel.

"Spektrograficzne oznaczanie zawartości składników stopowych stali". (Prace Inst. Metalurgii No. 2), Katowice, 1952, PWT, 165 pp., 23 figs., 8 tabs.

A method was worked out of spectrographic determination of Mn, Si, Cr, Ni, Mo and V in low alloy and carbon steels. It is based on the use of a Soviet made quartz spectrograph of mean dispersion. Spectra were excited by a simple condensed spark circuit. A set of spectrographic standards were prepared in a laboratory arc furnace. The flat surface standards in conjunction with a 4.5 mm dia. carbon counter electrode were used throughout the experiments. Several lines pairs cited by different authors have been used and the results discussed. The most suitable lines chosen for routine examination are given in a corresponding table. In the case of vanadium, not a single line pair found in literature could be accepted. The best results were obtained with a pair chosen by the authors (Fe 3052,233/V 31'0,793). The authors point out some causes of errors which arise from low dispersion. Pre-sparking of 60 seconds, followed by an interruption interval of 15 sec. and a 15 sec. exposure gave more consistent results than if exposure follows immediately on pre-sparking. Errors resulting in variations of 1% of specimens analysed were examined; no serious errors were found so long as the weight of the sample was not less than 30-50 g.

③ met

MAKARTSEVA, T.V.

SHCHELOCHKOVA, S.P.; MAKARTSEVA, T.V.; GARSHIN, Ye.A.; MOISEYEVA, Ye.I.;
BLAGODAROVA, T.N.; MAKAROVA, L.I.; MEL'NIKOVA, R.M.; REVIZOVA, V.Ye.;
YUSHKEVICH, G.I.; YEVPRYNTSEVA, Z.A.; GALIYAMOVA, M.F.; DRONOVA, L.M.;
SALIKOVA, V.N.; KONNOV, F.Ya., red.; ANTONOV, V.P., tekhn.red.

[Economy of the province and city of Kuybyshev; a statistical
manual] Narodnoe khoziaistvo Kuibyshevskoi oblasti igoroda Kuibysheva;
statisticheskii sbornik. Kuibyshev, Kuibyshevskoe otd-nie Gosstat-
izdata, 1957. 197 p. (MIRA 11:3)

1. Kuybyshevskaya oblast'. Statisticheskoye upravleniye. 2. Statisti-
cheskoye upravlniye Kuybyshevskoy oblasti (for all, except Konnov,
Antonov)

(Kuybyshev Province--Statistics)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500025-6

MAKARTSEV, V., glavnyy starshina komandy torpeditsov podvodnoy lodki

"Torpedoes away." Starsh.-serzh. no.6:33 Je '61. (MIRA 14:10)
(Torpedoes)

MAKARTSEV, NIKOLAY ANDREYEVICH

W/5
U50.1
.12

ORGANIZATSIYA RABOTY FIZKUL'TURNOGO KOLLEKTIVA (WORK ORGANIZATION OF
PHYSICAL CULTURE GROUPS) MOSKVA, "FIZKUL'TURA I SPORT", 1956.

145 p. ILLUS., DIAGRS., TABLES.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500025-6

MAKARTSEV, N. A.

24474 MAKARTSEV, N. A. Razvivat' massovuyu fizicheskuyu kul'turu i sport. Profsoyuzy, 1949, No. 7, S. 21-24.

SO: Letopis, No. 32, 1949.

MAKARTSEV, N. (Novosibirsk); KHAYT, A., neshtatnyy korrespondent (Sverdlovsk);
DANILOV, V. (Leningrad); NAZAROV, P. (Ural'sk, Kazakhstanskoy SSR)

Labor safety is a national responsibility. Mest.prom.i khud.promys.
4 no.2:27 F '63. (MIRA 16:2)

1. Tekhnicheskiy inspektor Novosibirskogo oblastnogo professional'-
nogo soveta (for Makartsev). 2. Starshiy inzhener Leningradskogo
oblastnogo upravleniya mestnoy promyshlennosti (for Danilov). 3. Ne-
shtatnyy inspektor Ural'skogo oblastnogo komiteta professional'nogo
soyuza rabochikh mestnoy promyshlennosti i kommunal'nogo khozyayst-
va (for Nazarov).

MAKARTSEV, N.

The Moskvich automobile in a "shirt." Mashinostroitel'
no.3:27 Mr '60. (MIRA 13:6)
(Packing for shipment)

SAZHINOV, Viktor; KUPRIYANOV, Aleksey; MAKARTSEV, Ivan; VOROBAY, Aleksandr;
DEMENTOVETS, Nikolay; MURASHKO, Petr; KULINKOVICH, Aleksandr;
TULUYEVSKIY, Ivan; RADKOVSKIY, Leonid

Our experience in the operation of the BPF-2 pneumatic combine.
Torf. prom. 40 no.4:5-12 '63. (MIRA 16:10)

1. Mokeikha-Zybinskoye torfopredpriyatiye Yaroslavskoy obl.
(for Sazhinov, Kupriyanov). 2. Torfopredpriyatiye "Bol'shevik"
Soveta narodnogo khozyaystva BSSR (for Makartsev).
3. Torfopredpriyatiye Vasilevichi II Soveta narodnogo khozyaystva
BSSR (for Vorobey, Dementovets). 4. Torfobriketnyy zavod "Ulyazh"
(for Murashko, Kulinkovich, Tuluyevskiy). 5. Torfobriketnyy zavod
"Berezinskoye" (for Radkovskiy).
(Peat machinery)

MAKARSOV, I. I.

PA 4T39

USSR/Welding
Steel

Apr 1947

"The Weldability of Mark 3M Steel," N. M. Prokhorov and I. I. Makarov, 2 pp

"Avtojennoye Delo" No 4

Experimental data, graphs and diagrams. It is concluded that the weldability of 3 M steel is satisfactory.

MAKARSKI, Withold; ROJEK, Julian

Controlling attachment; fraction collector of the chromatographic column eluate. Nukleonika 8 no.1:85-87 '63.

1. Instytut Badan Jadrowych, Warszawa 9, Zaklad Radiochemii.

MAKARSKI, W.

"Aerial Telecommunication Lines." P. 152. (WIADOMOSCI TELEKOMUNIKACYJNE, Vol. 23, No. 7, July, 1954, Warszawa, Poland.)

SO: Monthly List of East European Accessions. (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500025-6

MAKARSKI, V.I.; TODOROV, P.M.; KHALACHEV, V.I.

Transliterated from Russian

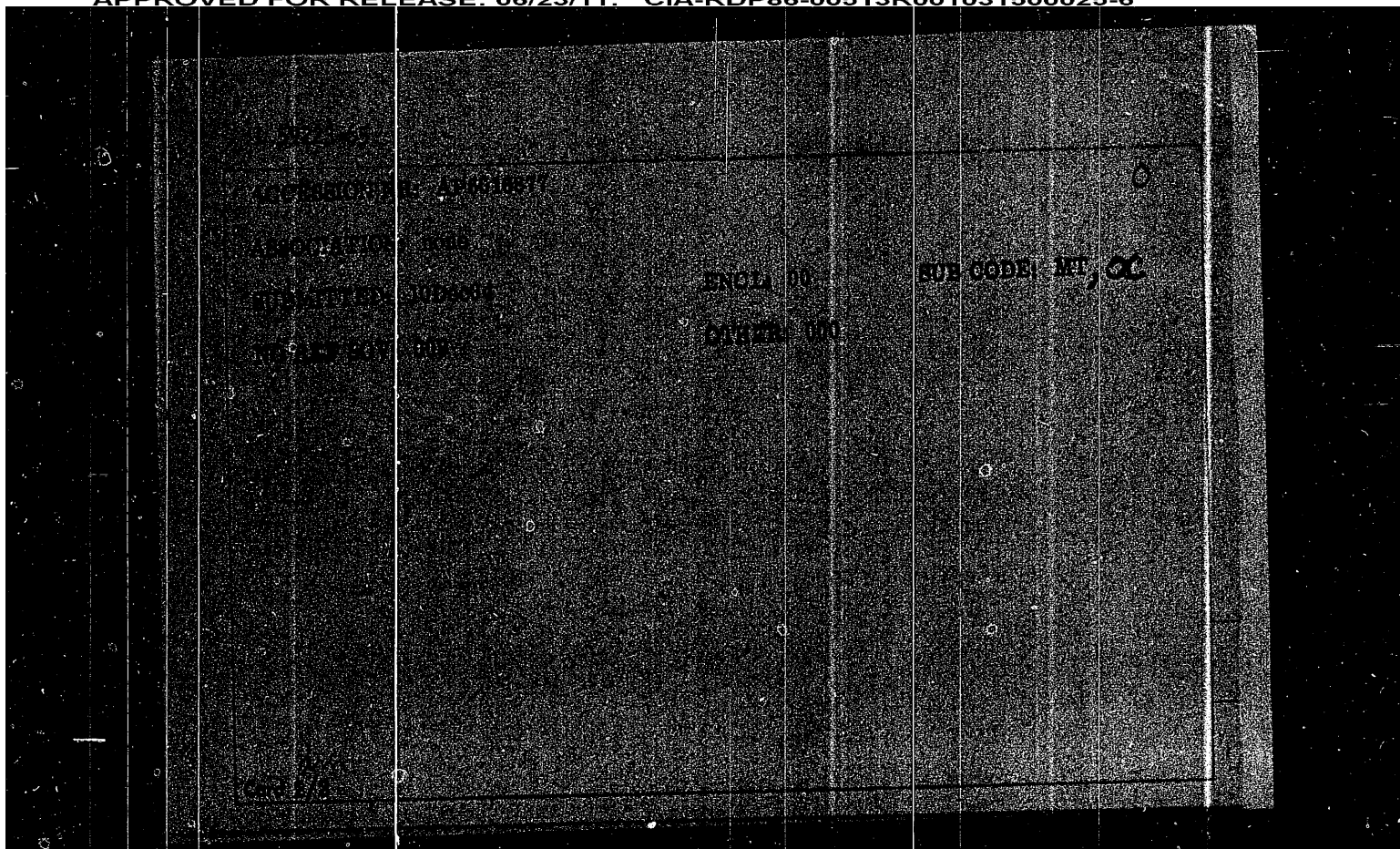
Another method of computing the impedance-conforming L-networks.
Godishnik mash elekt 13 no.2:149-160 '63 [publ. '64]

MAKARSKAYA, YA. F.

"The Breathing Character of the Bony-fish Embryos,"

SO: Dok. An., 60, No. 3, 1948. Mbr., Leningrad State. Inst. of Stomatology,
-c1948-.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500025-6



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500025-6

ZAYTSEV, N.G., kand. tekhn. nauk (Petrozavodsk); MAKARSHIN, Ye.S.
(Petrozavodsk); LEDVICH, M.A. (Petrozavodsk)

Power plant apparatus for automating optimum load distribution
in electric power systems. Elektrichestvo no.12:13-16 D '63.
(MIRA 17:1)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031500025-6

MAKAROWSKI, K.

"For Better Exploitation of Government-owned Rolling Stock." p. 315,
(MOTORYZACJA, Vol. 8, No. 11, Nov. 1953. Warszawa, Poland.)

SO: Monthly List of East European Accessions, (EEAL), IC,
Vol. 3, No. 12, Dec. 1954, Uncl.

MAKAROWSKA, Z.

WOZNICKA, Wanda; KOWSZYK, Zuzanna; BOROWIECKA, Barbara; CHOJNOWSKI, Wawrzyniec;
DOBROZANSKA, Roza; LUBINSKI, Olgierd; MAKAROWSKA, Zofia; NIEMOZYK, Hanna;
PASZKIEWICZ, Alina; RUCZAJ, Zbigniew; SOBICZEWSKI, Wojciech; SZCZESNIAK,
Tadeusz; SZENIAWSKI, Piotr; TERLECKA, Janina; WILK, Edyta; WITUCH, Krystyna

Alomycin; a new antifungal antibiotic. Med. dosw. mikrob. 9 no.4:441-450
1957.

1. Z Zakladu Antybiotykow Panstwowego Zakladu Higieny w Warszawie.
(ANTIBIOTICS, preparation of
alomycin, fungicidal properties (Pol))

MAKAROWSKA, ZOFIA

WOZNICKZ, Wanda; KOWSZYK, Zuzanna; MAKAROWSKA, Zofia; NIEMCZYK, Hanna;
BOROWIECKA, Barbara; SZCZESNIAK, Tadeusz; TERLECKA, Janina; WILK, Edyta

Studies on antimycotic antibiotics. II. a new antibiotic. Med. dosw.
mikrob. 9 no.3:293-308 1957.

1. Z Zakladu Antybiotykow PZH w Warszawie.

(ANTIBIOTICS,

allomycin, antifungal properties (Pol))

WOZNICKA, Wanda; NIEMCZYK, Hanna; MAKAROWSKA, Zofia

Attempts to find new antifungal antibiotics. I. Med. dozw. mikrob.
9 no.1:57-62 1957.

1. Z Zakladu Antybiotykow Panstwowego Zakladu Higieny w
Warszawie.

(STREPTOMYCES

isolation of new species & determ. of bacteriocidal
& fungicidal activities (Pol))

KONONOV, R.P.; MAKAROVSKIY, Ya.I.; PUJENGART, N.I.; KOCAN, V.H.

Chromatographic determination of the selectivity of separation agents. Zhur.praki.khim. 38 n.11:2522-2528 N 1962.
(MIRA 34:12)

1. Institut organicheskoy khimii imeni I.M. Selezneva AN SSSR.
Submitted December 16, 1962.

L 41049-56

ACC NR: AT6017623

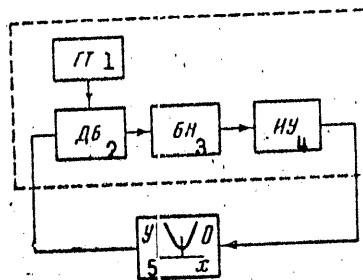


Fig. 2. Block diagram of basic optimizer (Type 2). 1--move generator; 2--differentiating block; 3--block of direction of motion; 4--execution block; 5--object.

Orig. art. has: 2 figures.

SUB CODE: 09/

SUBM DATE: 22Nov65/

ORIG REF: 004/

Card 2/2 90

L 1104938 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l) GD/BC
ACC NR: AT6017623 (N) SOURCE CODE: U

SOURCE CODE: UR/0000/65/000/000/0441/0444

AUTHOR: Gachinskiy, E. Ye.; Makarovskiy, S. N.

ORG: none

TITLE: Industrial automatic optimizers of the Institute of Automation and Tele-
mechanics

SOURCE: Vsesoyuznaya konferentsiya po teorii i praktike samonastraivayushchikhsya sistem. Ist, 1963. Samonastraivayushchiyesya sistemy (Adaptive control systems); trudy konferentsii. Moscow, Izd-vo Nauka, 1965, 441-444

TOPIC TAGS: computer memory, signal generator, optimal control

ABSTRACT: Single channel, special purpose 1A01-1 and 1A01-2 type optimizers designed for finding the extremum of a function of one variable are described. Different versions of these two types of optimizers have been built for use in various industrial applications. The optimizers are shown in figures 1 and 2.

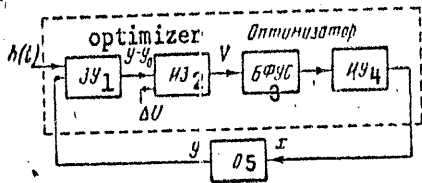


Fig. 1. Block diagram of basic optimizer (Type 1). 1--memory; 2--integrator; 3--control signal generator; 4--execution block; 5--object.

Card 1/2

MAKAROVSKIY, S.N.; NORKIN, K.B.; FITSNER, L.M.

Using ERA-1 optimizers for heating furnaces. Priborostroenie no.4:25-27
Ap '63. (MIRA 16:4)
(Furnaces, Heating) (Electronic control)

BRAND, Izrail' Al'bertovich; LERNER, Lev Grigor'yevich, aspirant;
~~MAKAROVSKIY, Sergey Aleksandrovich~~; SIVKOV Arkadiy Petrovich, inzh.;
BAKHVALOV, Yuriy Alekseyevich, kand. tekhn. nauk, docent

Use of digital computers in the design of electric machinery and
apparatus. Izv. vys. ucheb. zav.; elektromekh. 7 no. 12: 1501-1505 '64.
(MIRA 18:2)

1. Nachal'nik vychislitel'nogo tsentra firmy ChKD [Ceskomoravska-Kolden-Danek], Praga (for Brand).
2. Institut elektromekhaniki Gosudarstvennogo komiteta po elektrotekhnike pri Gosplane SSSR (for Lerner).
3. Zamestitel' nachal'nika raschetnogo otdela Tsentral'nogo konstruktorskogo byuro krupnykh elektricheskikh mashin peremennogo toka Gosudarstvennogo komiteta po elektrotekhnike pri Gosplane SSSR (for Makarovskiy).
4. Nachal'nik laboratorii schetnoreshayushchikh ustroystv Leningradskogo filiala Vsesoyuznogo nauchno-issledovatel'skogo instituta elektromekhaniki (for Sivkov).
5. Kafedra elektricheskikh mashin, apparatov, matematicheskikh i schetnoreshayushchikh priborov i ustroystv Novocherkasskogo politekhnicheskogo instituta (for Bakhvalov).

CHUMAKOV, I.S.; YARMIZIN, O.D.; NOVIKOV, G.N.; MAKAROVSKIY, S.A.

Cenozoic sediments of the Leninogorsk trough in the Rudnyy Altai and
the basic stages of its formation. Trudy Kom.chet. per. 22:128-138
'63. (MIRA 17:2)

VERMILOV, S.S., kand.tekhn.nauk; ANDREYEV, A.S.; BRILLING, A.N.; MAKAROVSKIY, O.D.

Investigating traction properties of an operating tractor train
with a booster drive of the semitrailer axle. Avt.prom. 28 no.8:
21-26 Ag '62, (MIRA 16:3)

(Tractor trains--Testing)

Some results of studies...

23967
S/113/60/000/011/002/007
D257/D304

to the trailer with a turning mechanism that regulates their turn to the correct angle in rotation to the coupling. The trailer wheels then track with the truck tractor's. To increase the average speed of movement over earth roads and roadless terrain, the drive to the powered trailer should be adjusted so that the train's rate of movement is approximately 30-40% the maximum speed of the truck tractor alone. There are 9 figures and 4 tables.

Card 3/3

23967

S/113/60/000/011/002/007
D257/D304

Some results of studies...

powered trailers; the traction properties of trains with normal or with powered trailers; the effects of power distribution between the truck tractor and the trailer on the train's total tractive force; comparative fuel consumption in trains operating with normal or with powered trailers. The roadability tests were carried out over sand and over snow, while the other tests were held over a concrete road, on meadow ground, on sand and over plowed ground. It was found that the use of powered-trailers greatly increases the train's tractive force and roadability. When the powered axles are engaged, the tractive force increases more than does the train's coupling weight. Over rough terrain, a train with powered trailers is more economical and has a higher speed than a train with normal trailers. Disparity in the peripheral speed of the wheels on the truck tractor and the trailer causes the wheels to slip and slide, thereby reducing the train's tractive force. These losses vary directly with the kinematic disparity and the wheels/ground coupling factor. On curves a further fall in tractive force occurs if the trailer wheels follow a track other than that described by the truck tractor. This can be avoided by fitting steerable wheels

Card 2/3

X

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23967
S/113/60/000/011/002/007
D257/D304

AUTHORS: Bazylenko, G.I., Candidate of Technical Sciences;
Yermilov, S.S., Candidate of Technical Sciences;
Andreyev, A.S. and Makarovskiy, O.D.

TITLE: Some results of studies of automobile trains with
powered trailers

PERIODICAL: Avtomobil'naya promyshlennost', no. 11, 1960, 13-17

TEXT: The article gives the results of a study of a powered motor vehicle train with mechanical power transmission to a single-axle trailer and a train with electrical power transmission to a twin-axle trailer. In the first instance a ГАЗ-63 (GAZ-63) truck was used, specially fitted with a ЗИЛ-151 (ZIL-151) distribution box from which torque was applied via a Cardan shaft to the trailer's axle. In the second instance a ZIL-151 truck with a ЯАЗ-204В (YaAZ-204V) motor and trolley bus electrical equipment (electric motor, shunt rheostats, controllers, etc.) was used. Tests were made to determine: The roadability of trains with normal or with

Card 1/3

ACC NR: AP7006047

single-cycle MA; load resistance; conversion factor of the measuring device. The amplified DC signal from the measuring device is utilized as a control signal and conveyed in this capacity to the excitation winding of the generator in the motor-generator system. Such monovibrator-controlled push-pull MA may serve as meters of the deviation of motor RPM from the established value in automatic control systems designed on the frequency principle. Orig. art. has: 5 figures and 17 formulas. [JPRS: 39,568]

SUB CODE: 09

Card 2/2

ACC NR: AP7006047

SOURCE CODE: UR/0143/66/000/010/0025/0030

AUTHOR: Makarovskiy, L. Ya. (Engineer); Panarin, V. I. (Engineer); Shchukin, B. D. (Engineer);

ORG: Leningrad Electrical Engineering Institute im. V. I. Ul'yanov (Lenin) (Leningradskiy elektrotekhnicheskii institut); Kuybyshev Polytechnic Institute im. V. V. Kuybyshev (Kuybyshevskiy politekhnicheskii institut)

TITLE: Designing the push-pull magnetic amplifier

SOURCE: IVUZ. Energetika, no. 10, 1966, 25-30

TOPIC TAGS: magnetic amplifier, electric motor

ABSTRACT: In automatic control systems of DC motors with pulsed measuring devices which incorporate a monovibrator the pulse signals of the arms of the monovibrators must be converted to DC signals. This may be accomplished with the aid of the push-pull magnetic amplifier (MA) described by the authors. The MA consists of two reactive resistors, two ohmic resistors, two load resistors, one reactive and one ohmic resistor of the smoothing choke at the output of MA. The push-pull MA is constructed from two single-cycle MAs, each connected to one arm of the monovibrator. The design and calculation of MA are based on the similarity of the characteristics of MA fabricated from the same magnetic materials but differing in volume of steel, supply voltage, on taking the following factors into account: maximum and minimum voltages at the output of the

Card 1/2

UDC: 621.375.3.001.24

09270841

MAKAROVSKIY, I.

Reliable and efficient testing. Grazhd. av. 21 no.9:22-23 S '64.
(MIRA 17:10)
1. Starshiy inzh. tekhnicheskoy laboratorii lineynykh masterskikh
Kuybyshevskogo aeroporta.

1. MAKAROVSKIY, A. P.
2. SSSR (600)
4. Vine Crops
7. Biryuchekutskaya Selection Station's achievements in vine-crop gardening.
Sel. 1 sem. 19 No. 11, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

MAKAROVSKIY, A.F., PODMOGAYEVA, M.I.

Squash

Intervarietal hybrids of squash. Sel. i sem. 19, No. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, September 1952, Uncl.

MAKAROVSKIY, Anempodist Fedorovich

[Vine crops in the southern and southeastern U.S.S.R.] Bekhchevye
kul'tury na iuge i iugo-vostoke SSSR. Moskva, Gos. izd-vo
selkhoz lit-ry, 1958. 89 p. (MIRA 11:12)
(Vine crops)

MAKAROVSKIY, A. A.

USSR/Miscellaneous - Book critique

Card 1/1 Pub. 124 - 29/30

Authors : Makarovskiy, A. A.

Title : Critique and bibliography. Useful book on historical materialism

Periodical : Vest. AN SSSR 25/7, 132-136, Jul 1955

Abstract : Critique is presented on a book by G. Ye. Glezerman (1954), entitled, "Foundation and Superstructure of Soviet Society," which deals in historical materialism.

Institution :

Submitted :

MAKAROVSKIY, A.

Trained in revolutionary and labor traditions. Sov. profsoiuzy 5
no.7:51-54 J1 '57. (MIRA 10:8)

1. Starshiy instruktor Tsentral'nogo komiteta profsoyuza rabochikh
mashinostroyeniya.
(labor and laboring classes)

MAKAROVSKAYA, Ya.

(Great responsibility. Okhr. truda i sots. strakh. 6 no.9:22-23
S '63. (MIRA 16:10)

1. Zaveduyushchaya otделom sotsial'nogo strakhovaniya Latviyskogo
respublikanskogo soveta professional'nykh soyuzov.

MOSKOVICH, E.G.; MAKAROVSKAYA, TS.D. (Moskva)

(Clinical aspects and diagnosis of hemochromatosis. Klin.med. 39
no.2:98-102 F '61. (MIRA 14:3)

1. Iz kafedry endokrinologii (zav. - prof. N.A. Shereshevskiy)
Sentral'nogo instituta usovershenstvovaniya vrachey i laborato-
rii (zav. - prof. Ye.A. Kost) Bol'nitsy imeni S.P. Botkina
(glavnyy vrach - prof. A.N. Shabanov).
(HEMOCHROMATOSIS)